

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	23108	(auto or automobile or car or vehicle or vehicular) and radar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:25
L2	3386	fm-cw or cw-fm or fmcw or cwfm or ((frequency adj modulated) and (continuous adj wave))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:26
L3	1052	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:26
L4	24272	beat same frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:26
L5	375	3 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:43
L6	1024547	peak or threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:43
L7	244	5 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:43
L8	26814	ascending same descending	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:43

L9	48438	rising same falling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:44
L10	164	upswing same downswing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:44
L11	1008157	up same down	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:44
L12	1064589	8 9 10 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:44
L13	133	7 and 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:45
L14	5024207	distance or range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:45
L15	3161567	velocity or speed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:45
L16	1434993	14 and 15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 11:45

L17	133	13 and 16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 12:20
L18	92395	roadside or road-side or (road same side)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 12:20
L19	44	17 and 18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 12:20
L20	411341	roadside or road-side or (road same side) or road	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 12:21
L21	65	17 and 20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 12:57
L22	4047	((342/70) or (342/71) or (342/72) or (342/109) or (342/111) or (342/115) or (342/192) or (342/196) or (340/435) or (340/436) or (701/301)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/02/06 13:04
L23	3291	22 and @ad<="20021017"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/06 13:04

## SEARCH NOTES FOR EAST AND IEEE

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EAST: search history attached

Search terms:

(automotive <or> vehicular) <and> radar <and> (peak <or> threshold)

**1 Vehicular pulse-radar with very low false alarm rate by on-off pulse control and adaptive threshold**

*Yong Cheol Kim; Byung Cheol Choi;*

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**2 An algorithm for detecting roads and obstacles in radar images**

*Kaliyaperumal, K.; Lakshmanan, S.; Kluge, K.;*

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**3 Polarimetric characterization of debris and faults in the highway environment at millimeter-wave frequencies**

*Sarabandi, K.; Li, E.S.;*

Antennas and Propagation, IEEE Transactions on , Volume: 48 , Issue: 11 , Nov. 2000

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**4 LEXLUTHER: an algorithm for detecting roads and obstacles in radar images**

*Lakshmanan, S.; Kaliyaperumal, K.; Kluge, K.;*

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**5 Novel method of decreasing influence of phase noise on FMCW radar**

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**6 A compact, 35 GHz, phase-locked gyrotron oscillator with subharmonic injection**

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**7 Principles of space-time array processing for ultrawide-band impulse radar and radio communications**

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*Veeravalli, V.V.; Kelly, O.E.;*

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**9 Effect of radar polarizations on detectability of debris on roads at millimeter-wave frequencies**

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**10 Cost-minimized 24 GHz pulse oscillator for short-range automotive radar applications**

*Kryshtopin, A.; Sevskiy, G.; Markov, K.; Heide, P.; Nalezinski, M.; Roskosch, R.;*

*Vossiek, M.;*

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**11 A basic study of millimeter-wave absorber for two frequency bands using transparent resistive films**

*Soh, T.; Kondo, A.; Toyota, M.; Hashimoto, O.;*

Electromagnetic Compatibility, 2003 IEEE International Symposium on , Volume: 1 , 18-22 Aug. 2003

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**12 Impacts of mobile radar and telecommunications systems on Earth remote sensing in the 22-27 GHz range**

*Gasiewski, A.J.; Ruf, C.S.; Younis, M.; Wesbeck, W.;*

Geoscience and Remote Sensing Symposium, 2002. IGARSS '02. 2002 IEEE International , Volume: 3 , 24-28 June 2002

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**13 Close, but no cigar: assessment of a headway warning device**

*Groeger, J.A.;*

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1		340/435				816		
2		340/436				1079		
3		342/109				380		
4		342/111				114		
5		342/115				268		
6		342/192				471		
7		342/196				474		
8		342/70				763		
9		342/71				325		